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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/696,418

10/29/2003

William P. Fell

6737

25853 7590 06/19/2008
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2051 BRIGADIER DRIVE
ANCHORAGE, AK 99507

EXAMINER

AVILA, STEPHEN P

ART UNIT	PAPER NUMBER
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3617

MAIL DATE	DELIVERY MODE
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06/19/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/696,418

Applicant(s)

FELL ET AL.

Examiner

Stephen Avila

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 21-27 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 25-27 is/are allowed.
- 6) ☒ Claim(s) 21-24 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

In view of the newly cited reference to Hattori (US 6695657), PROSECUTION IS
HEREBY REOPENED.

A Supervisory Patent Examiner (SPE) has approved of reopening prosecution by
signing below:

S. JOSEPH MORANO
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600



1. The Board of Patent Appeals and Interferences affirmed the rejection(s) against claim(s) 9-15, and 19. It is noted that Applicant has not amended objected to claims 16-18 and 20. Accordingly, claims 9-20 have been cancelled. Note MPEP § 1214.06.
2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 21-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Giacosa in view of Hattori (newly cited). Giacosa discloses the claimed subject matter including a steering system for a boat having an outboard motor with a jet drive output with a directional nozzle 17, pivoting means 22, an adapter ring P1, P2, brackets I1, I2 attached to the nozzle and pivotable with respect to the ring, and a curved hood 23 pivotably attached to the nozzle (at 24) and raising and lowering means. Not disclosed by Giacosa are handlebars with a bracket and cable. Hattori (note Figure 9, for example) teaches a steering system with handlebars 48, a shaft 414, supporting means, a bracket 412, and a cable with two ends. It would have been obvious to a person of ordinary skill in the art at the time the invention was made to form the device of Giacosa

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with handlebars, a bracket, a shaft, supporting means, and a cable as taught by Hattori for improved steering control. The combination combines known features to achieve predictable results.

4. Claim 24 is rejected under 35 U.S.C. 103(a) as being unpatentable over Giacosa in view of Hattori, as applied to claim 23 above, and further in view of Chronic. Giacosa does not disclose a cable actuator. Chronic teaches cables 24, 43. It would have been obvious to a person of ordinary skill in the art at the time the invention was made to form the device of Giacosa with cables to control the nozzle and hood as taught by Chronic for light weight and reliability. The combination combines known features to achieve predictable results.

5. Claims 9-20 have been canceled.

6. Claims 25-27 are allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen Avila whose telephone number is 571-272-6678. The examiner can normally be reached on Monday to Friday from 8 AM to 530 PM (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Samuel J. Morano can be reached on 571-272-6684. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Stephen Avila
Primary Examiner
Art Unit 3617

/Stephen Avila/
Primary Examiner, Art Unit 3617



**APPROVED BY DIRECTOR
KATHERINE MATECKI**

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KATHERINE MATECKI**